

What is Claimed is:

1. A medical test kit, comprising a first plurality of testing compositions including

5 a glucose testing composition having 9.8-17.3 w/v% sodium citrate, 5.3-10.0 w/v% anhydrous sodium carbonate, 1.5-1.73 w/v% copper sulfate and a remaining quantity of distilled water;

a protein testing composition having 9.4-10.5 w/v% salicylic sulfate, 38-50 ml distilled water in 100 ml protein testing composition, 0.5-2.0 w/v% sodium chloride, 1.0-3.0 v/v% anhydrous acetic acid and a remaining quantity of 95% methanol;

10 a blood testing composition having 0.25-1.0 w/v% benzidine, 40-80 ml acetic acid in 100 ml of said blood testing composition, and a remaining quantity of 95% methanol;

a calcium testing composition having 1.5-2.0 w/v% oxalic acid, 1.5-2.0 w/v% oxalic amide, 3.2-3.5 v/v% acetic acid and a remaining quantity of distilled water; and

15 a nitrite testing composition having 0.35-0.45 w/v% sulfanilic acid, 0.2-0.3 w/v% α -naphthyl amide, 1.0-2.0 v/v% methanol, 20-40.0 v/v% acetic acid and a remaining quantity of distilled water; and

20 a first corresponding plurality of interpretation spectra with respect to said glucose testing composition, said protein testing composition, said blood testing composition, said calcium testing composition and said nitrite testing composition respectively, wherein each said testing composition in response to a testing sample reacts to the testing sample for providing a result interpreted by said corresponding interpretation spectrum such that a user is capable of comparing the result and said corresponding spectrum for quantifying the result to a first data of health condition.

25 2. The medical test kit, as recited in claim 1, comprising a second plurality of testing compositions including

a bilirubin testing composition having 0.89-1.2 w/v% acid iron chloride, 20.0-25.3 w/v% acetate chloride, 5.0 ml acetic acid in each 100 ml bilirubin testing composition, and a remaining quantity of distilled water;

5 a bilinogen testing composition having 1.8-2.2 w/v% bimethylbenzaldehyde, 20.0v/v% concentrated hydrochloric acid, 5.0 v/v% acetic acid and a remaining quantity of distilled water, and

an amylase testing composition having 0.34 w/v% iodine, 0.68w/v% potassium iodide, 1 v/v% glycerol and a remaining quantity of distilled water; and

10 a second corresponding plurality of interpretation spectra with respect to said bilirubin testing composition, said bilinogen testing composition, and said amylase testing composition respectively, wherein each said testing composition of said second plurality of testing compositions in response to a testing sample reacts to the testing sample providing a result such that a user is capable of comparing the result and said second corresponding spectrum for quantifying the result to a second data of health
15 condition.

3. The medical test kit, as recited in claim 2, further comprising a third plurality of testing compositions including

a ketone testing composition having 1.24 w/w% sodium nitrofericyanide, 37.04 w/w% anhydrous sodium carbonate, and 61.73 w/w% sulfamine; and

20 a pH testing composition having 0.01 w/v% phenyl red and a remaining quantity of distilled water; and

a third corresponding plurality of interpretation spectra with respect to said ketone testing composition and said pH testing composition respectively, wherein each of said third composition in response to a testing sample reacts to the testing sample for
25 providing a result such that a user is capable of comparing the result and said third corresponding spectrum for quantifying the result to a third data of health condition.

4. The medical test kit, as recited in claim 3, further comprising a tangible information of method of dynamic recordation comprising the steps of

(a) recording a result obtained from each of said first, said second and said third testing compositions; and

(b) quantifying the result with respect to at least three categories representing a healthy condition, a doubt condition, and an unhealthy condition according to a dynamic recordation diagram, wherein the dynamic recordation diagram having a plurality portions adapted for recording results obtained from said first, said second, and said third compositions respectively, and having portions with respect to the categories.

5 5. The medical test kit, as recited in claim 3, further comprising a tangible information of method of selecting testing compositions comprising the steps of

10 (a) assessing a condition of an user; and

(b) selecting one of said testing composition with respect to an interactive reference chart having a self assessment portion, a suggested test portion, and a possible illnesses portion wherein said self assessment portion provides common symptoms with respect to possible illnesses and said suggested test portion provides a suggestion of said testing compositions of said medical test kit with respect to the common symptoms such that a user is capable of selecting a correct testing composition.

15 6. The medical test kit, as recited in claim 2, wherein said medical test kit is employed by a plurality of methods of use including

a method of use of said glucose testing composition comprising the steps of

20 (a1) reacting a first sample and said glucose testing composition under heating in a water bath at a predetermined temperature for a predetermined time so as to obtained a first result; and

(a2) comparing the first result and said interpretation spectrum with respect to said glucose testing composition;

25 a method of use of said protein testing composition comprising the steps of

(b1) reacting a second sample and said protein testing composition so as to obtained a second result; and

(b2) comparing the second result and said interpretation spectrum with respect to said protein testing composition;

5 a method of use of said bilirubin testing unit comprising the steps of

(c1) reacting a third sample and said bilirubin testing composition so as to obtained a third result; and

(c2) comparing the third result and said interpretation spectrum with respect to said bilirubin testing composition;

10 a method of use of said bilinogen testing composition comprising the steps of

(d1) reacting a forth sample and said bilinogen testing composition so as to obtained a forth result; and

(d2) comparing the forth result and said interpretation spectrum with respect to said bilinogen testing composition;

15 a method of use of said amylase testing composition comprising the steps of

(e1) reacting a fifth sample with a supplementary starch solution and said amylase testing composition so as to obtained a fifth result; and

(e2) comparing the fifth result and said interpretation spectrum with respect to said amylase testing composition;

20 a method of use of said blood testing composition comprising the steps of

(f1) reacting a sixth sample and said blood testing composition so as to obtained a sixth result; and

(f2) comparing the sixth result and said interpretation spectrum with respect to said blood testing composition;

a method of use of said calcium testing composition comprising the steps of

(g1) reacting a seventh sample and said calcium testing composition so as to
5 obtained a seventh result; and

(g2) comparing the seventh result and said interpretation spectrum with respect to said calcium testing composition; and

a method of use of said nitrite testing composition comprising the steps of

(h1) reacting a eighth sample and said nitrite testing composition so as to
10 obtained a eighth result; and

(h2) comparing the eighth result and said interpretation spectrum with respect to said nitrite testing composition.

7. The medical test kit, as recited in claim 3, wherein said medical test kit is employed by a plurality of methods of use including

15 a method of use of said glucose testing composition comprising the steps of

(a1) reacting a first sample and said glucose testing composition under heating in a water bath at a predetermined temperature for a predetermined time so as to obtained a first result; and

(a2) comparing the first result and said interpretation spectrum with respect to
20 said glucose testing composition;

a method of use of said protein testing composition comprising the steps of

(b1) reacting a second sample and said protein testing composition so as to obtained a second result; and

(b2) comparing the second result and said interpretation spectrum with respect to said protein testing composition;

a method of use of said bilirubin testing unit comprising the steps of

(c1) reacting a third sample and said bilirubin testing composition so as to
5 obtained a third result; and

(c2) comparing the third result and said interpretation spectrum with respect to said bilirubin testing composition;

a method of use of said bilinogen testing composition comprising the steps of

(d1) reacting a forth sample and said bilinogen testing composition so as to
10 obtained a forth result; and

(d2) comparing the forth result and said interpretation spectrum with respect to said bilinogen testing composition;

a method of use of said amylase testing composition comprising the steps of

(e1) reacting a fifth sample with a supplementary starch solution and said
15 amylase testing composition so as to obtained a fifth result; and

(e2) comparing the fifth result and said interpretation spectrum with respect to said amylase testing composition;

a method of use of said blood testing composition comprising the steps of

(f1) reacting a sixth sample and said blood testing composition so as to obtained
20 a sixth result; and

(f2) comparing the sixth result and said interpretation spectrum with respect to said blood testing composition;

a method of use of said calcium testing composition comprising the steps of

(g1) reacting a seventh sample and said calcium testing composition so as to obtained a seventh result; and

(g2) comparing the seventh result and said interpretation spectrum with respect to said calcium testing composition;

5 a method of use of said nitrite testing composition comprising the steps of

(h1) reacting a eighth sample and said nitrite testing composition so as to obtained a eighth result; and

(h2) comparing the eighth result and said interpretation spectrum with respect to said nitrite testing composition;

10 a method of use of said ketone testing composition comprising the steps of

(i1) reacting a ninth sample and said ketone testing composition so as to obtained a ninth result; and

(i2) comparing the ninth result and said interpretation spectrum with respect to said ketone testing composition; and

15 a method of use of said pH testing composition comprising the steps of

(j1) reacting a tenth sample and said pH testing composition so as to obtained a tenth result; and

(j2) comparing the tenth result and said interpretation spectrum with respect to said pH testing composition.

20 8. The medical testing kit, as recited in claim 7, wherein

said interpretation spectrum of said glucose testing composition has an effective range at least including glucose concentration between 0.03% and 2%;

wherein said interpretation spectrum of said protein testing composition has an effective range at least including protein concentration between 0.004% and 0.5%;

wherein said interpretation spectrum of said bilirubin testing composition has an effective range at least including bilirubin concentration between 0.125% and 1%;

5 wherein said interpretation spectrum of said bilinogen testing composition has an effective range at least showing a difference for bilinogen concentration higher than 1/20 and for bilinogen concentration lower than 1/20;

 wherein said interpretation spectrum of said amylase testing composition has an effective range at least representing a normal condition, a over active condition, and an
10 inactive condition;

 wherein said interpretation spectrum of said blood testing composition has an effective range at least including blood concentration between 0.015% and 0.5%;

 wherein said interpretation spectrum of said calcium testing composition has an effective range at least including calcium concentration between 0.012% and 0.2%; and

15 wherein said interpretation spectrum of said nitrite testing composition has an effective range at least including nitrite concentration between 0.00015% and 0.005%.

9. The medical testing kit, as recited in claim 7, wherein

 said interpretation spectrum of said glucose testing composition has an effective range at least including glucose concentration ranged from 0.03% to 2% represented by a
20 color range from pale blue, green, yellow, to brown;

 wherein said interpretation spectrum of said protein testing composition has an effective range at least including protein concentration ranged from 0.004% to 0.5% represented by a color range from little trace white precipitation to heavily white precipitation;

wherein said interpretation spectrum of said bilirubin testing composition has an effective range at least including bilirubin concentration ranged from 0.125% to 1% represented by a color range from pale blue green to blue green;

5 wherein said interpretation spectrum of said bilinogen testing composition has an effective range at least showing a difference of bilinogen concentration higher than 1/20 and of bilinogen concentration lower than 1/20 represented by a color ranged from red to colorless;

10 wherein said interpretation spectrum of said amylase testing composition has an effective range at least representing a normal condition, a over active condition, and an inactive condition represented by a color of colorless at 8U and purple at 64U, colorless at 64U and 128U, and purple at 8U and 64U respectively;

wherein said interpretation spectrum of said blood testing composition has an effective range at least including blood concentration between 0.015% and 0.5%;

15 wherein said interpretation spectrum of said calcium testing composition has an effective range at least including calcium concentration ranged from 0.012% to 0.2% represented by a color ranged from slight opacity to milky precipitation; and

wherein said interpretation spectrum of said nitrite testing composition has an effective range at least including nitrite concentration between 0.00015% and 0.005% ranged from traced cherry-red to dark cherry-red respectively.

20 10. The medical testing kit, as recited in claim 9, further comprising a plurality of testing tubes corresponding to each of said testing compositions respectively.

11. A method of preparing a medical testing kit having a first plurality of testing compositions including a glucose testing composition, a protein testing composition, a blood testing composition, a calcium testing composition, a nitrite testing composition,
25 comprising the steps of

(a) reacting 9.8-17.3 w/v% sodium citrate, 5.3-10.0 w/v% anhydrous sodium carbonate, 1.5-1.73 w/v% copper sulfate and a remaining quantity of distilled water to form said glucose testing composition;

(b) reacting 9.4-10.5 w/v% salicylic sulfate, 38-50 ml distilled water in 100 ml protein testing composition, 0.5-2.0 w/v% sodium chloride, 1.0-3.0 v/v% anhydrous acetic acid and a remaining quantity of 95% methanol to form a protein testing composition;

5 (c) reacting 0.25-1.0 w/v% benzidine, 40-80 ml acetic acid in 100 ml of said blood testing composition, and a remaining quantity of 95% methanol to form a blood testing composition;

(d) reacting 1.5-2.0 w/v% oxalic acid, 1.5-2.0 w/v% oxalic amide, 3.2-3.5 v/v% acetic acid and a remaining quantity of distilled water to form a calcium testing
10 composition; and

(e) reacting 0.35-0.45 w/v% sulfanilic acid, 0.2-0.3 w/v% α -naphthyl amide, 1.0-2.0 v/v% methanol, 20-40.0 v/v% acetic acid and a remaining quantity of distilled water to form a nitrite testing composition;

wherein with respect to said first plurality of testing composition, a
15 corresponding first plurality of interpretation spectra with respect to said glucose testing composition, said protein testing composition, said blood testing composition, said calcium testing composition and said nitrite testing composition is provided respectively such that results obtained from said first plurality of testing compositions are capable of representing a health condition.

20 12. The method, as recited in claim 11, wherein said medical testing kit comprises a second plurality of testing compositions including a bilirubin testing composition, a bilinogen testing composition, and an amylase testing composition, wherein said method further comprises the steps of

(f) reacting 0.89-1.2 w/v% acid iron chloride, 20.0-25.3 w/v% acetate chloride,
25 5.0 ml acetic acid in each 100 ml bilirubin testing composition, and a remaining quantity of distilled water to form said bilirubin testing composition;

(g) reacting 1.8-2.2 w/v% bimethylbenzaldehyde, 20.0v/v% concentrated hydrochloric acid, 5.0 v/v% acetic acid and a remaining quantity of distilled water to form a bilinogen testing composition; and

(h) reacting 0.34 w/v% iodine, 0.68w/v% potassium iodide, 1 v/v% glycerol and a remaining quantity of distilled water to form said amylase testing composition;

wherein with respect to said second plurality of testing compositions, a corresponding second plurality of interpretation spectra with respect to said bilirubin testing composition, said bilinogen testing composition, and said amylase testing solution are provided respectively such that results obtained from said second plurality of testing compositions are capable of representing a health condition.

13. The method, as recited in claim 12, wherein said medical testing kit comprises a third plurality of testing compositions including a ketone testing composition and a pH testing composition, wherein said method further comprises the steps of

(i) reacting 1.24 w/w% sodium nitrofericyanide, 37.04 w/w% anhydrous sodium carbonate, and 61.73 w/w% sulfamine to form said ketone testing composition; and

(j) diluting 0.01 w/v% phenyl red with a remaining quantity of distilled water to form said pH testing composition;

wherein with respect to said third plurality of testing compositions, a corresponding third plurality of interpretation spectra with respect to said ketone testing composition and pH testing composition are provided respectively such that results obtained from said third plurality of testing compositions are capable of representing a health condition.

14. The method, as recited in claim 13, further comprising a step (k) analysis the results with a dynamic recordation diagram, wherein the dynamic recordation diagram has a plurality of sections with respect to each composition of said first, second and third testing compositions, and each section at least has three portions corresponding to three categories representing a healthy condition, a doubt condition, and an unhealthy condition respectively.

15. The method, as recited in claim 13, further comprising a step (l) selecting said testing compositions in response to an interactive reference chart, wherein the interactive reference chart has a self assessment portion, a suggested test portion, and a possible illnesses portion, wherein said self assessment portion provides common

symptoms with respect to possible illnesses and said suggested test portion provides a suggestion of said testing compositions of said medical test kit with respect to the common symptoms such that a user is capable of selecting a correct testing composition.

16. The method, as recited in claim 13,

5 wherein said interpretation spectrum of said glucose testing composition has an effective range at least including glucose concentration between 0.03% and 2%;

 wherein said interpretation spectrum of said protein testing composition has an effective range at least including protein concentration between 0.004% and 0.5%;

10 wherein said interpretation spectrum of said bilirubin testing composition has an effective range at least including bilirubin concentration between 0.125% and 1%;

 wherein said interpretation spectrum of said bilinogen testing composition has an effective range at least showing a difference for bilinogen concentration higher than 1/20 and for bilinogen concentration lower than 1/20;

15 wherein said interpretation spectrum of said amylase testing composition has an effective range at least representing a normal condition, a over active condition, and an inactive condition;

 wherein said interpretation spectrum of said blood testing composition has an effective range at least including blood concentration between 0.015% and 0.5%;

20 wherein said interpretation spectrum of said calcium testing composition has an effective range at least including calcium concentration between 0.012% and 0.2%; and

 wherein said interpretation spectrum of said nitrite testing composition has an effective range at least including nitrite concentration between 0.00015% and 0.005%.

17. The method, as recited in claim 13,

wherein said interpretation spectrum of said glucose testing composition has an effective range at least including glucose concentration ranged from 0.03% to 2% represented by a color range from pale blue, green, yellow, to brown;

5 wherein said interpretation spectrum of said protein testing composition has an effective range at least including protein concentration ranged from 0.004% to 0.5% represented by a color range from little trace white precipitation to heavily white precipitation;

10 wherein said interpretation spectrum of said bilirubin testing composition has an effective range at least including bilirubin concentration ranged from 0.125% to 1% represented by a color range from pale blue green to blue green;

wherein said interpretation spectrum of said bilinogen testing composition has an effective range at least showing a difference of bilinogen concentration higher than 1/20 and of bilinogen concentration lower than 1/20 represented by a color ranged from red to colorless;

15 wherein said interpretation spectrum of said amylase testing composition has an effective range at least representing a normal condition, a over active condition, and an inactive condition represented by a color of colorless at 8U and purple at 64U, colorless at 64U and 128U, and purple at 8U and 64U respectively;

20 wherein said interpretation spectrum of said blood testing composition has an effective range at least including blood concentration between 0.015% and 0.5%;

wherein said interpretation spectrum of said calcium testing composition has an effective range at least including calcium concentration ranged from 0.012% to 0.2% represented by a color ranged from slight opacity to milky precipitation; and

25 wherein said interpretation spectrum of said nitrite testing composition has an effective range at least including nitrite concentration between 0.00015% and 0.005% ranged from traced cherry-red to dark cherry-red respectively.

18. The method, as recited in claim 14,

wherein said interpretation spectrum of said glucose testing composition has an effective range at least including glucose concentration ranged from 0.03% to 2% represented by a color range from pale blue, green, yellow, to brown;

5 wherein said interpretation spectrum of said protein testing composition has an effective range at least including protein concentration ranged from 0.004% to 0.5% represented by a color range from little trace white precipitation to heavily white precipitation;

10 wherein said interpretation spectrum of said bilirubin testing composition has an effective range at least including bilirubin concentration ranged from 0.125% to 1% represented by a color range from pale blue green to blue green;

wherein said interpretation spectrum of said bilinogen testing composition has an effective range at least showing a difference of bilinogen concentration higher than 1/20 and of bilinogen concentration lower than 1/20 represented by a color ranged from red to colorless;

15 wherein said interpretation spectrum of said amylase testing composition has an effective range at least representing a normal condition, a over active condition, and an inactive condition represented by a color of colorless at 8U and purple at 64U, colorless at 64U and 128U, and purple at 8U and 64U respectively;

20 wherein said interpretation spectrum of said blood testing composition has an effective range at least including blood concentration between 0.015% and 0.5%;

wherein said interpretation spectrum of said calcium testing composition has an effective range at least including calcium concentration ranged from 0.012% to 0.2% represented by a color ranged from slight opacity to milky precipitation; and

25 wherein said interpretation spectrum of said nitrite testing composition has an effective range at least including nitrite concentration between 0.00015% and 0.005% ranged from traced cherry-red to dark cherry-red respectively.

19. The method, as recited in claim 15,

wherein said interpretation spectrum of said glucose testing composition has an effective range at least including glucose concentration ranged from 0.03% to 2% represented by a color range from pale blue, green, yellow, to brown;

5 wherein said interpretation spectrum of said protein testing composition has an effective range at least including protein concentration ranged from 0.004% to 0.5% represented by a color range from little trace white precipitation to heavily white precipitation;

10 wherein said interpretation spectrum of said bilirubin testing composition has an effective range at least including bilirubin concentration ranged from 0.125% to 1% represented by a color range from pale blue green to blue green;

wherein said interpretation spectrum of said bilinogen testing composition has an effective range at least showing a difference of bilinogen concentration higher than 1/20 and of bilinogen concentration lower than 1/20 represented by a color ranged from red to colorless;

15 wherein said interpretation spectrum of said amylase testing composition has an effective range at least representing a normal condition, a over active condition, and an inactive condition represented by a color of colorless at 8U and purple at 64U, colorless at 64U and 128U, and purple at 8U and 64U respectively;

20 wherein said interpretation spectrum of said blood testing composition has an effective range at least including blood concentration between 0.015% and 0.5%;

wherein said interpretation spectrum of said calcium testing composition has an effective range at least including calcium concentration ranged from 0.012% to 0.2% represented by a color ranged from slight opacity to milky precipitation; and

25 wherein said interpretation spectrum of said nitrite testing composition has an effective range at least including nitrite concentration between 0.00015% and 0.005% ranged from traced cherry-red to dark cherry-red respectively.